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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 1 Sheet

Complete if Known				
Application Number	10/809.654			
	03/25/2004			
First Named Inventor	Zhonglin Hao			
Art Unit	1653			
Examiner Name				
Attorney Docket Number	00497-08			

	U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. 1	Document Number Number-Kind Code ² (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	16
	1	WO 01/12708	03-09-2000	Genentech Inc.		
	2	WO 98/00486		Procter & Gamble		
	3	WO 99/11293	03-11-1999	Human Genome Sciences, Inc.		
12	4	WO 01/42451	12-07-2000	Genset		
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			OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Exa Initi	ıminer als*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
G	\supset	A	Naz, Rajesh K: "Application of Sperm Antigens in Immunocontraception", Frontiers in Bioscience 1, e87-95, Sep. 1 (1996).	
		В	O'HERN, PATRICIA A. et al: "Reversible Contraception in Female Baboons Immunized with a Synthetic Epitope of Sperm-Specific Lactate Dehydrogenase", Biology of Reproduction, Vol. 52, pp 331-339, (1995).	
		С	DATABASE EMBL 'Online!, Accession Number AF203447, 12 Nov. 2000, HAO, Z. et al.;"Homo Sapiens sperm acrosome membrane protein SAMP32, mRNA, complete cds".	
		D	DATABASE EMBL 'Online!, Accession Number AW173256, 17 Nov. 1999, NATIONAL CANCER INSTITUTE, CANCER GENOME ANATOMY PROJECT (CGAP): "Homo Sapiens cDNA clone".	
		Е	DATABASE EMBL 'Online!, Accession Number AA824354, 20 Feb 1998, NATIONAL CANCER INSTITUTE, CANCER GENOME ANATOMY PROJECT (CGAP): "Homo Sapiens cDNA clone".	
		F	DATABASE EMBL 'Online, Accession No. AA431165, 25 May 1997, HILLIER, L. ET AL,: "zw71g10.r1 Soares_testis_NHT Homo sapiens cDNA clone".	
		G	DATABASE GENESEQ [Online], Accession No. AAV63171, 12 Jan. 1999, AGOSTINO MJ, et al.: "cDNA from clone cf50_1 which encodes a secreted protein".	
		Н	DATABASE GENESEQ [ONLINE], Accession No. AAA37094, 8 August 2000, BAKER, K et al,: "Human PRO1418 (UNQ732) cDNA Sequence SEQ ID NO:264".	
		I	DATABASE GENESEQ [ONLINE], Accession No. AAW80397, 12 January 1999, AGOSTINO MJ et al: "A Secreted Protein Encoded by Clone cf50_1".	
		J	DATABASE GENESEQ [ONLINE], Accession No. AAY99412, 8 August 2000, BAKER, K et al, "Human PRO1418 (UNQ732) Amino Acid Sequence SEQ ID NO:265".	
(b	K	CHEN, MICHELLEE S., et al.: "Role of the integrin-associated protein CD9 in binding between sperm ADAM 2 and the egg integrin a6b1: Implications for Murine Fertilization", PNAS, Vol 96, No. 21, pp 11830-11835, Oct 12 (1999).	

Examiner Signature	UP 2007	Date Considered	5/31-05
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Complete if Known 10/809,654 **Application Number** 03/25/2004 Filing Date Zhonglin Hao First Named Inventor 1653 Group Art Unit **Examiner Name**

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Attorney Docket Number 00497-08

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01	L	LE NOIR, FRANCOIS, et al.: "Severely Reduced Female Fertility in CD9-Deficient Mice", SCIENCE, Vol. 287, Jan. 14 (2000).	
	М	DIEKMAN, ALAN B. et al,: "N-linked glycan of a sperm CD52 glycoform associated with human infertility", FASEB, Vol. 13, pp 1303-1308, Aug. (1999).	
9	N	MIYADO, Kenji, et al.; "Reguirement of CD9 on the Egg Plasma Membrane for Fertilization", SCIENCE, Vol 287, Jan 14, (2000).	
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0	A	Schellenberger, V., Turck, C. W., Hedstrom, L. and Ritter, W. J. (1993). Mapping the S' Subsites of Serine Proteases Using Acyl Transfer to Mictures of Peptide Mucleophiles. Biochemistry, Vol. 32, pp. 4349-4353.	
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